

AMENDMENTS TO THE SPECIFICATION

Please amend Page 3, line 1 as follows:

FIG. 1 shows a method for detection and treatment of respiratory disorders using implantable devices.

Please amend Page 4, line 7 as follows:

~~simulation~~ stimulation of afferent nerves would typically be achieved by a period of several seconds

Please amend Page 5, lines 18-19 as follows:

Typically current pulses of 1 mA amplitude and 15 micro second duration are emitted at a 20 Hz. This level of energy is well below the level required to stimulate excitable tissue.

Please amend Page 6, line 1 as follows:

The changes to the transthoracic impedance signal are analysed in order to determine the